

1 1. A circuit breaker switch comprising:  
2 a rocker that is positionable between a first on position, and a second off position;  
3 an actuator element that is coupled to the rocker such that it causes a first electrically  
4 conductive contact portion to move into contact with a second electrically conductive contact  
5 portion when said rocker is in the on position; and  
6 a dielectric separator element that is urged between the first and second electrically  
7 conductive contact portions in the event of excess current being passed between the first and  
8 second electrically conductive contact portions.

2024-03-24 10:54:42 2. The circuit breaker switch as claimed in claim 1, wherein said switch further comprises a  
trip indicator that is coupled to said dielectric separator element such that said trip indicator  
provides a visual indication that said dielectric separator element has moved in the event of excess  
current being passed between the first and second electrically conductive contact portions.

2024-03-24 10:54:42 3. The circuit breaker switch as claimed in claim 2, wherein said switch may be reset by  
depressing said trip indicator.

1 4. The circuit breaker switch as claimed in claim 1, wherein said actuator element causes the  
2 first electrically conductive contact portion to move into contact with the second electrically  
3 conductive portion by being forced between the first electrically conductive contact portion and an  
4 inner wall of a switch housing.

1 5. A circuit breaker switch as claimed in claim 1, wherein said dielectric separator element is  
2 urged between the first and second electrically conductive contact portions, at least in part, by

3 having the second electrically conductive contact portion move away from the first electrically  
4 conductive contact portion in the event of excess current being passed between the first and second  
5 electrically conductive contact portions.

1 6. A circuit breaker switch as claimed in claim 1, wherein said dielectric separator element is  
2 urged between the first and second electrically conductive contact portions, at least in part, by a  
3 bias spring that urges said dielectric separator element against the second electrically conductive  
4 contact portion.

1 7. A circuit breaker switch comprising:  
2 a rocker that is positionable between a first off position, and a second on position;  
3 an actuator element that is coupled to the rocker such that it causes a first electrically  
4 conductive contact portion to move in a first direction into contact with a second electrically  
5 conductive contact portion when said rocker is in the on position, said second electrically  
6 conductive contact portion being mounted on a bimetallic element and said second electrically  
7 conductive portion being movable away from said first electrically conductive portion in said first  
8 direction in the event of excess current being passed through said bimetallic element; and  
9 a dielectric separator element that is urged between the first and second electrically  
10 conductive contact portions in the event of excess current being passed through said bimetallic  
11 element.

1 8. The circuit breaker switch as claimed in claim 7, wherein said switch further comprises a  
2 trip indicator that is coupled to said dielectric separator element such that said trip indicator

3 provides a visual indication that said dielectric separator element has moved in the event of excess  
4 current being passed through said bimetallic element.

1 9. A circuit breaker switch as claimed in claim 1, wherein said dielectric separator element is  
2 urged between the first and second electrically conductive contact portions, at least in part, by a  
3 bias spring that urges said dielectric separator element against the second electrically conductive  
4 contact portion.

1 10. A method of using a circuit breaker switch, said method comprising the steps of:  
2 positioning a rocker to a first on position, causing a first electrically conductive portion to  
3 move in a first direction into contact with a second electrically conductive portion;  
4 overcharging said switch causing said second electrically conductive portion to move away  
5 from said first electrically conductive portion in said first direction;  
6 providing a dielectric insulator element to be positioned between said first and second  
7 electrically conductive portions; and  
8 providing a visual indication that the circuit breaker switch has been tripped.